

Fig. 1

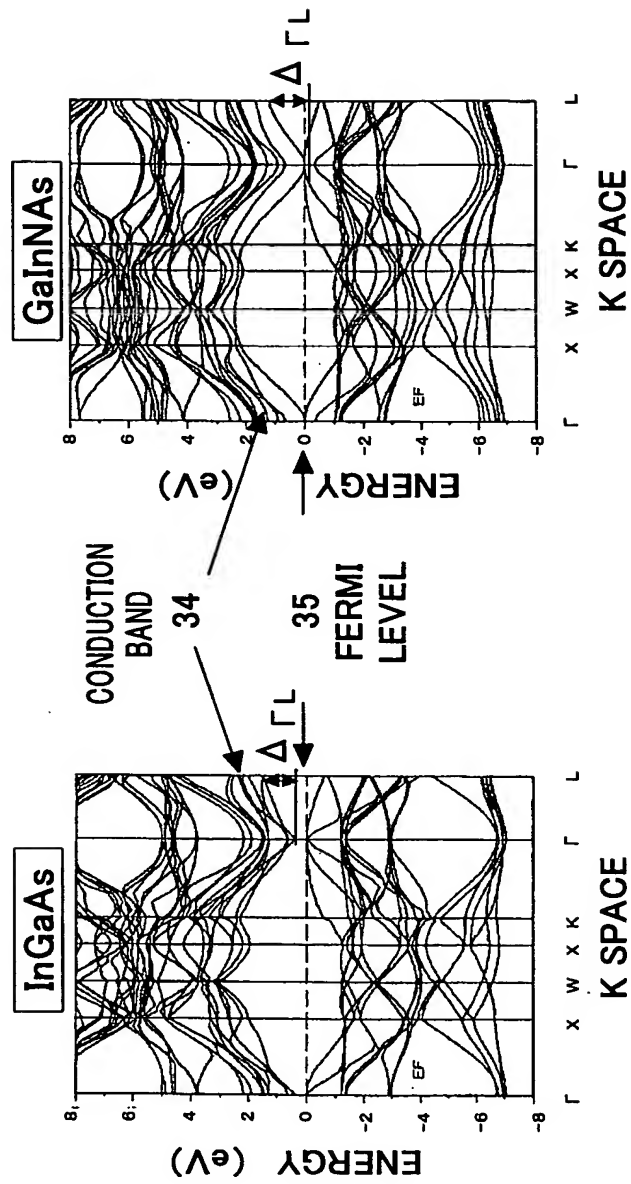


Fig. 2A

Fig. 2B

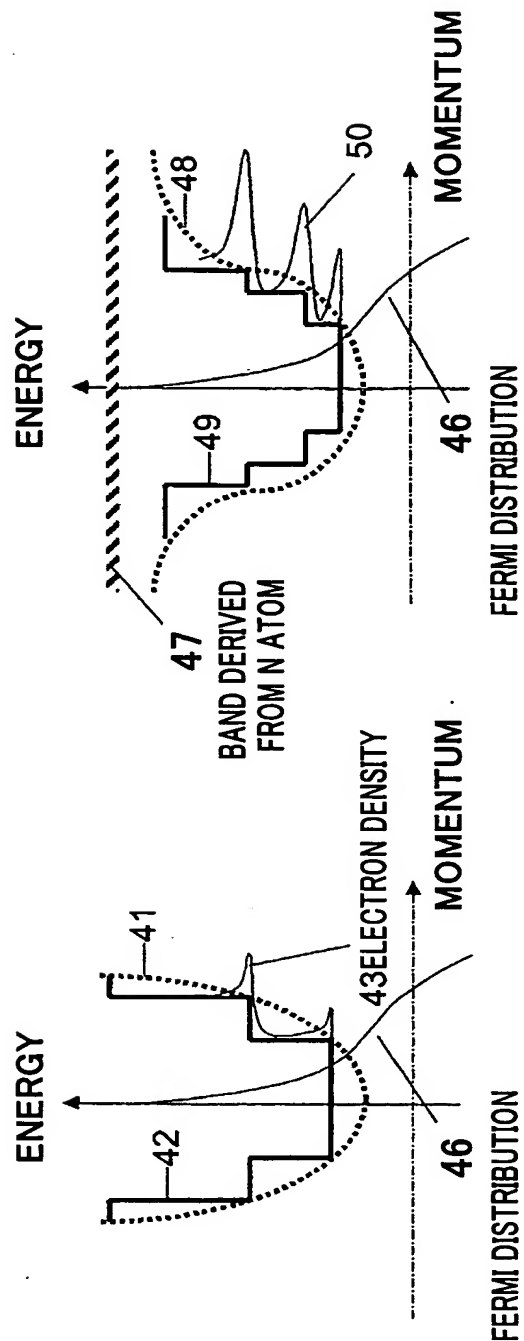


Fig. 3A

Fig. 3B

	GaAs	InP	InGaAs	GaInNAs	InAs	InNAs
μ 1 (m^2/Vs)	0.8	0.5	2	0.2	3	1.5
$\Delta \Gamma_L$ (eV)	0.31	0.59	0.55	0.63	0.72	0.82
v_d ($\times 10^5 \text{m/s}$)	1.62	2.08	3.96	1.38	5.72	4.47

Fig. 4

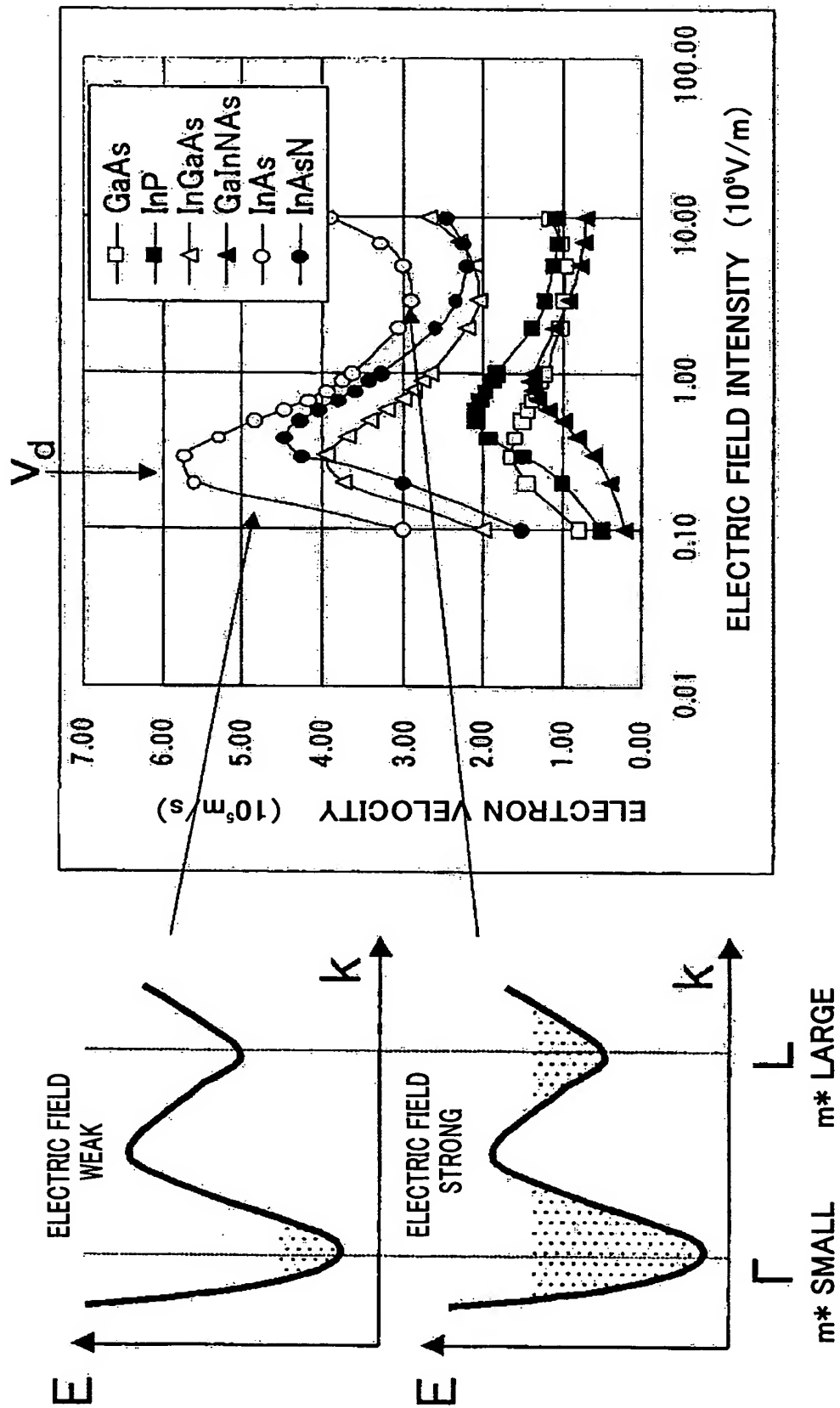


Fig. 5

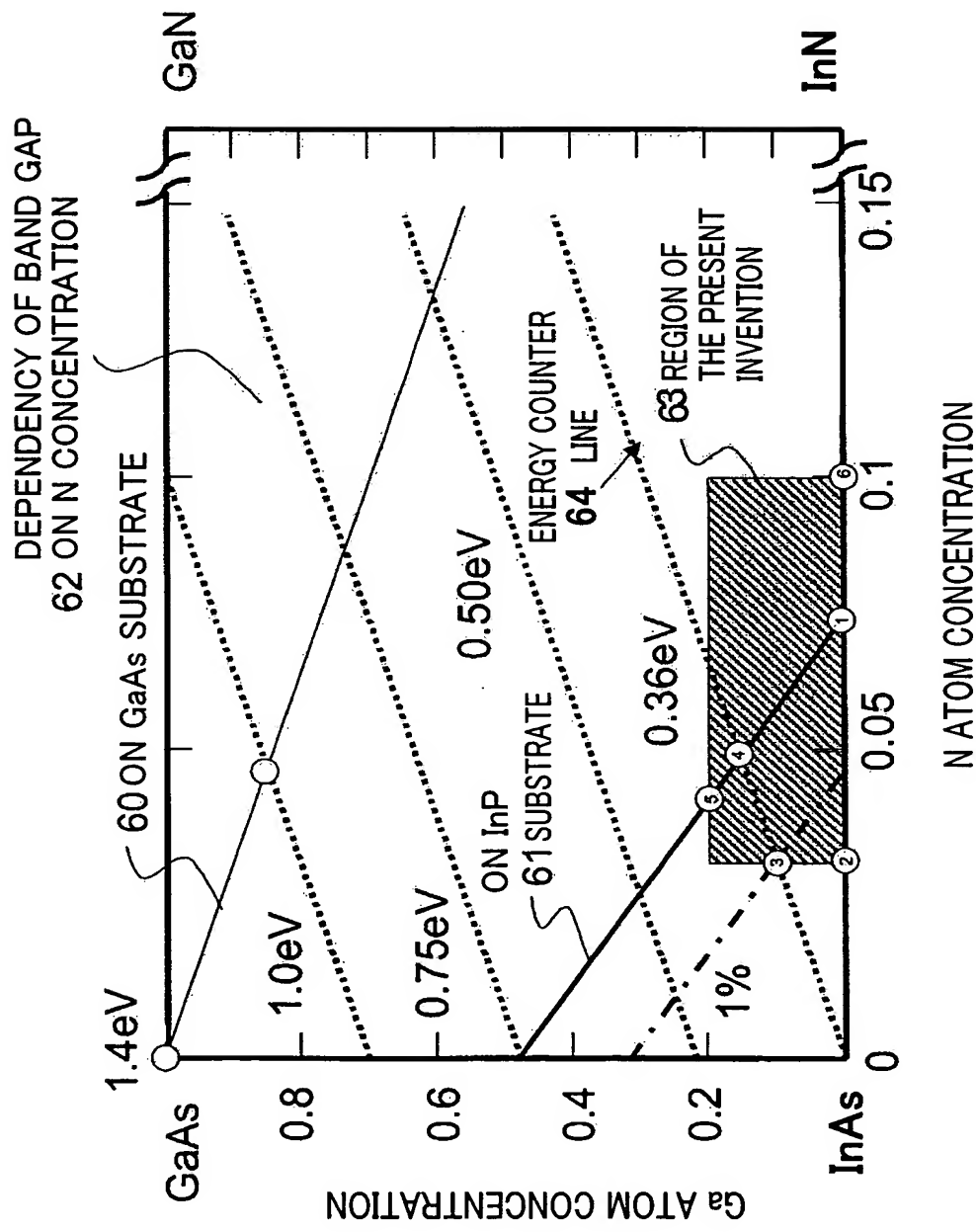


Fig. 6

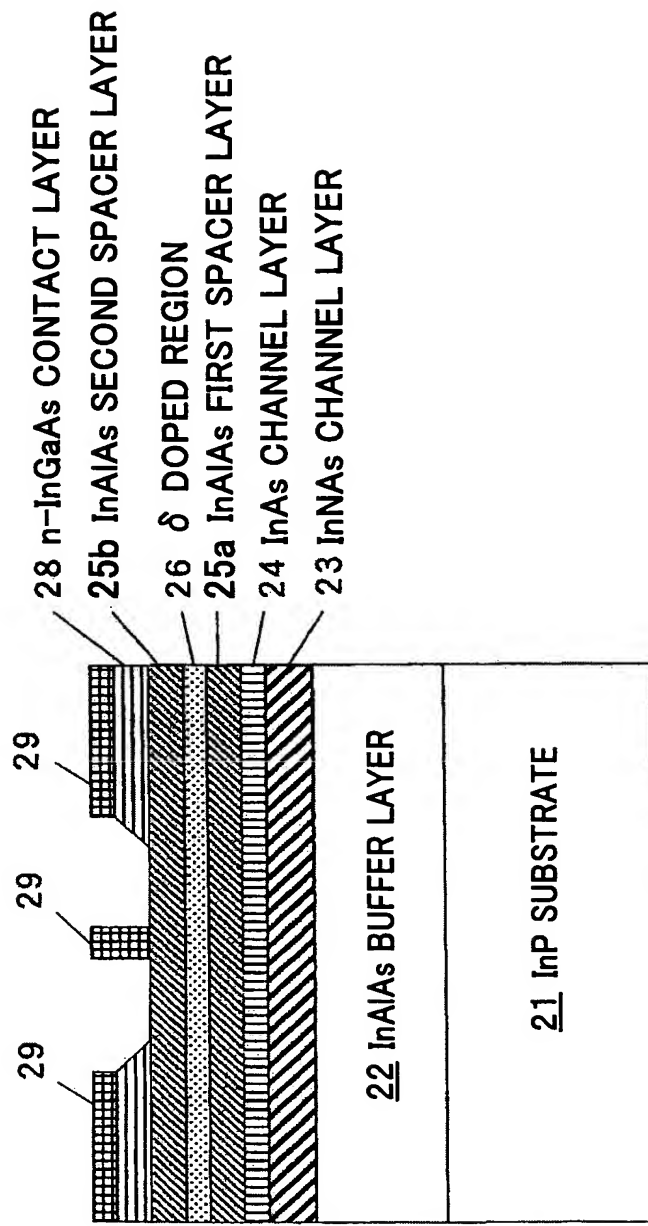


Fig. 7

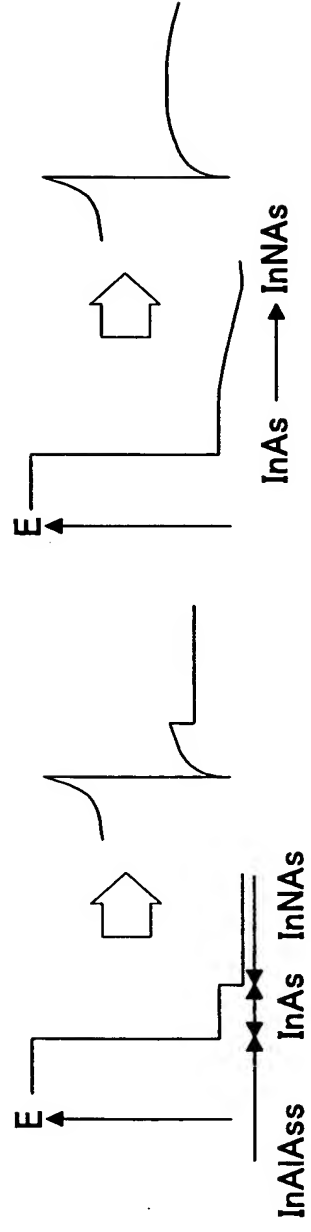


Fig. 8A

Fig. 8B

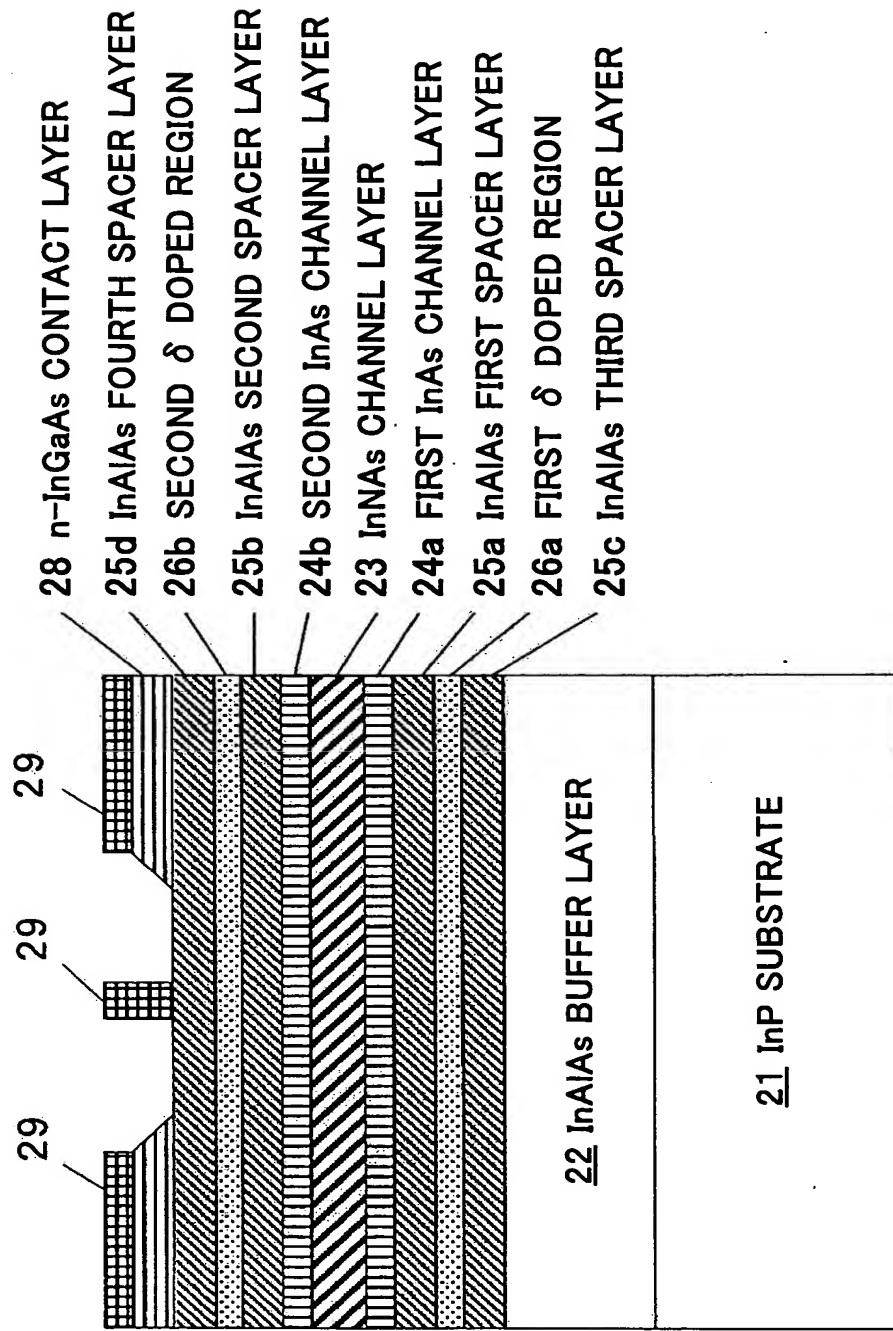


Fig. 9

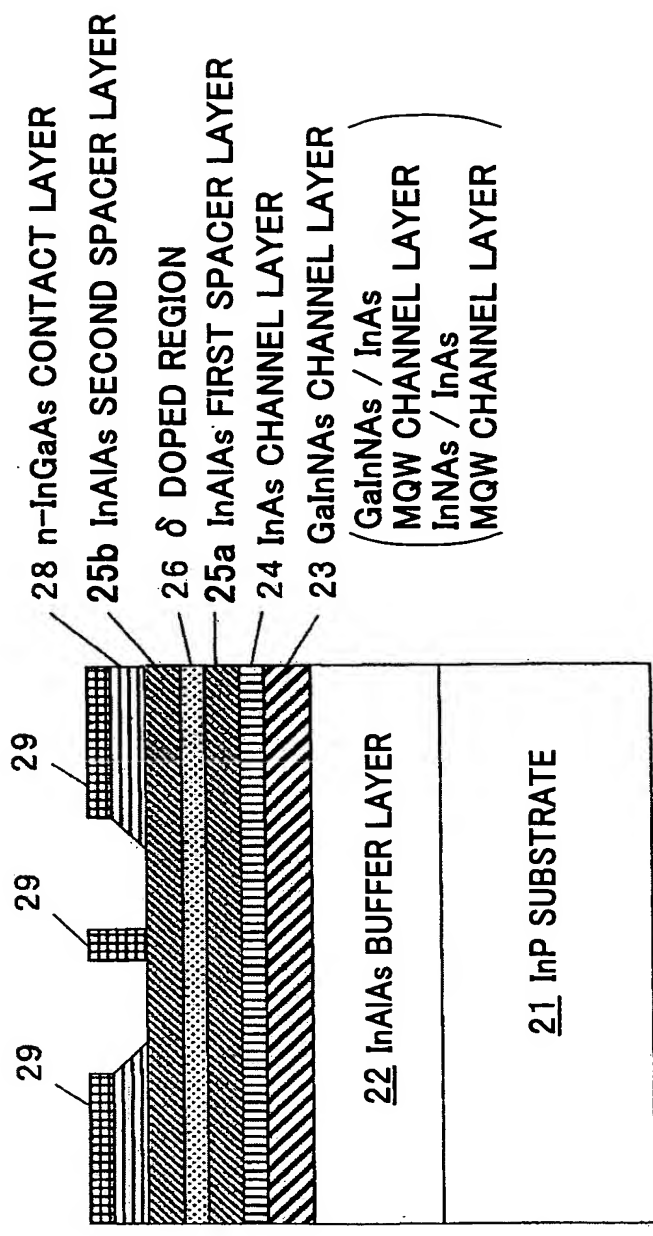


Fig. 10A

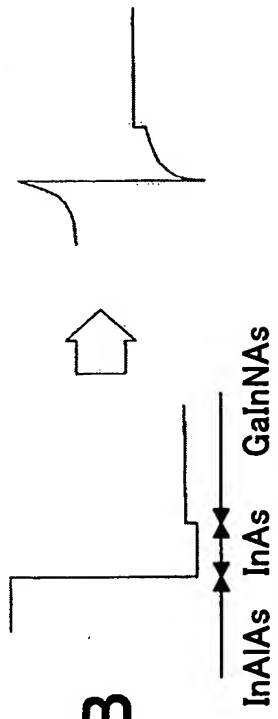


Fig. 10B

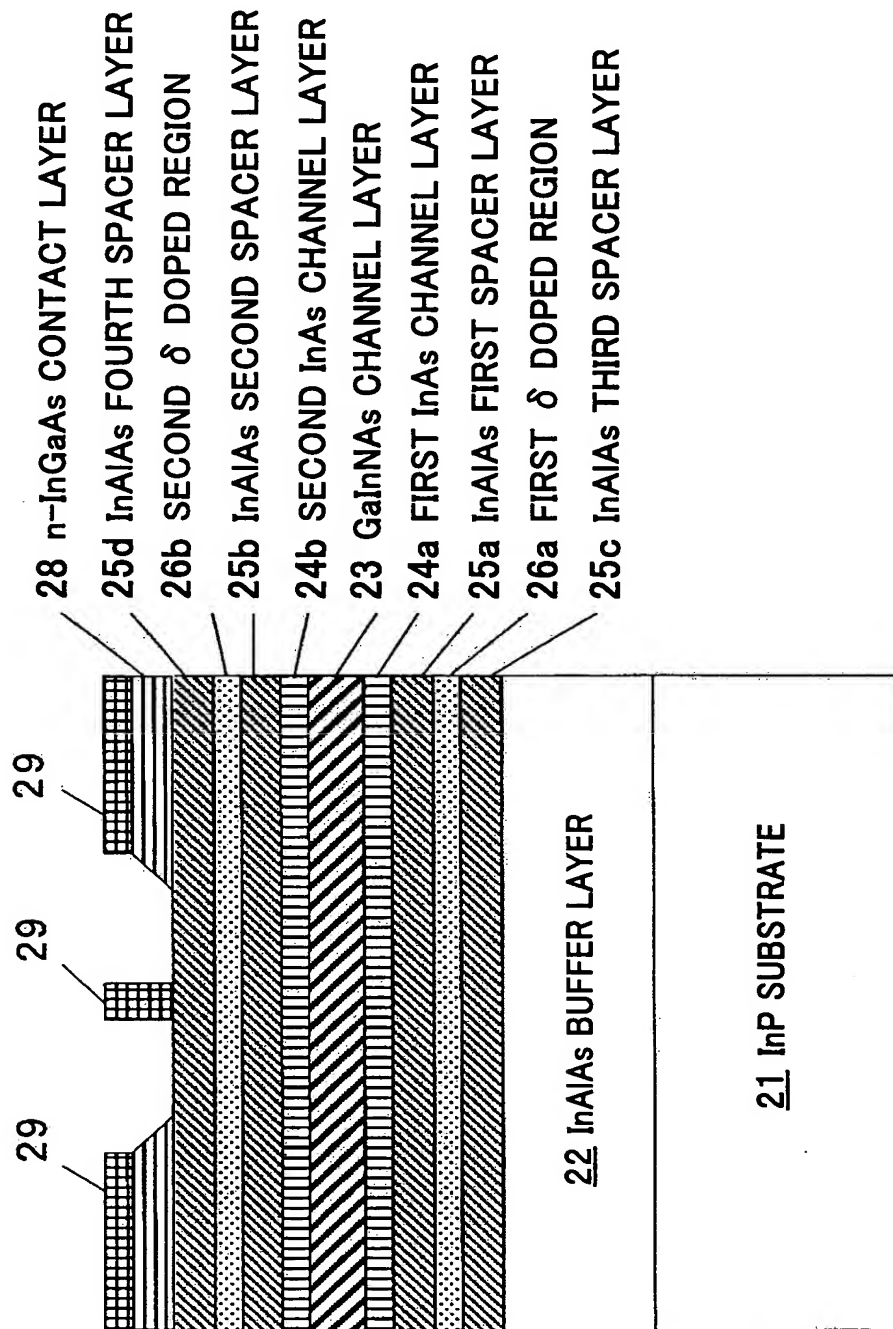


Fig. 11

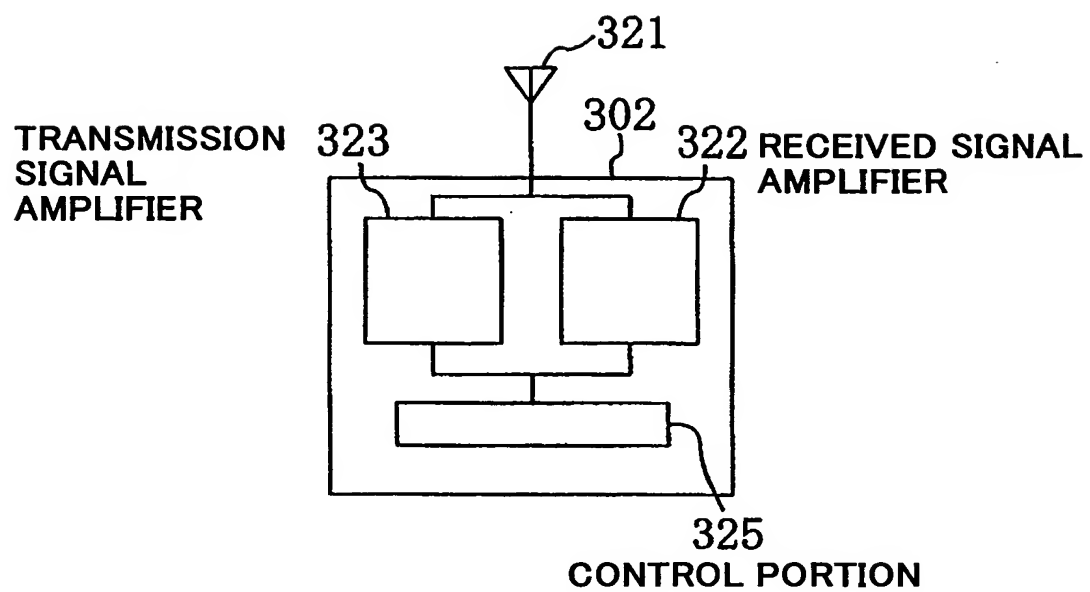


Fig. 12

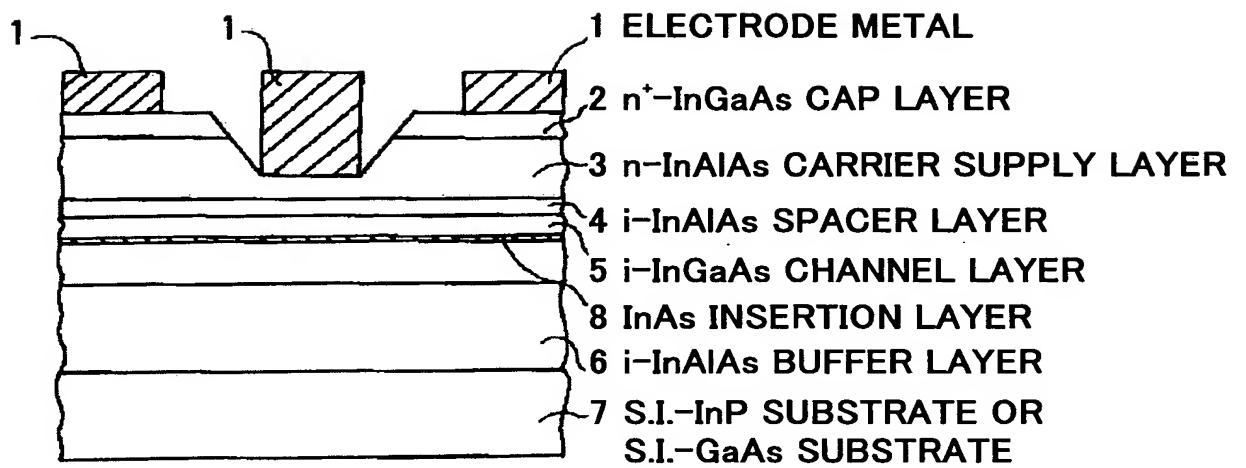


Fig. 13 PRIOR ART

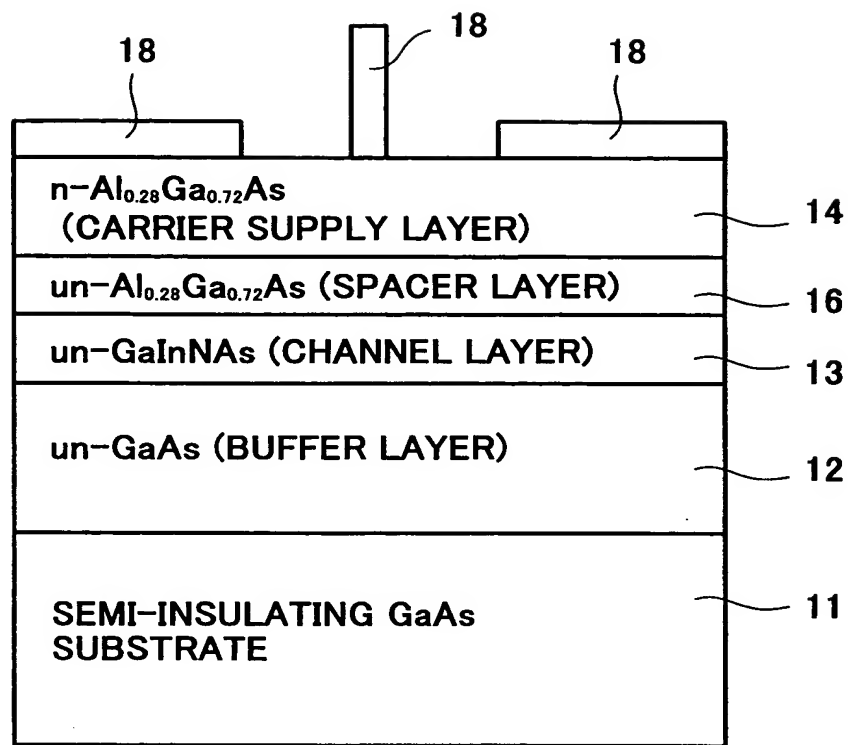


Fig. 14 PRIOR ART